

**REQUIREMENTS LISTED IN CATALOG MUST BE FULFILLED FOR GRADUATION  
(due to heavy course load, some summer courses are suggested in this track)**

**FIRST YEAR (FREDONIA)**

<u>First Semester</u>			<u>Second Semester</u>		
CHEM 115-125	Gen Chemistry I w/lab	4	CHEM 116-126	Gen Chemistry II w/lab	4
MATH 122	Univ Calculus I	4	MATH 123	Univ Calculus II	4
ENGL 100	English Composition	3	ECON 201	Princ.of Macroeconom. OR	
ECON 201	Princ.of Macroeconom.	OR	ECON 202	Princ.of Microeconom.	3
ECON 202	Princ.of Microeconom.	3	PHYS 230-232	Univ Physics I w/lab	5
----	CCC ▪	<u>3</u>	ECON/STAT/SOC/EDU/POLI 200	Statistics	<u>3</u>
		17			19

**SECOND YEAR (FREDONIA)**

<u>First Semester</u>			<u>Second Semester</u>		
PHYS 231-233	Univ Physics II w/lab	5	CSIT 121	Computer Science I *	3
MATH 223	Univ Calculus III	4	MATH 224	Differential Equations	3
CSIT 151	Intro. Inform. Systems	3	ACCT 202	Managerial Accounting	3
ACCT 201	Financial Accounting	3	BUAD 310	Legal Environment	3
BUAD/ECON 300	Statistical Analysis	<u>3</u>	BUAD 235	Intro Bus. Comm.	3
		18	CSIT 251	Inform. Sys. Structures	<u>3</u>
					18

(If transcript does not list Bus. Admin. as major, see Director to declare Bus. Admin.)

**THIRD YEAR (FREDONIA) †**

<u>First Semester</u>			<u>Second Semester</u>		
PHYS 321	Engineering Statics	3	PHYS 322	Mechanics of Solids *** +	4
PHYS 329	Engineering Dynamics***	3			
BUAD 323	Organizational Behavior	3	BUAD 499	Strategic Management	3
BUAD 320	Managerial Finance	3	BUAD xxx	Specialization reqs.	<u>12</u>
BUAD 327	Prod. & Oper. Mngmnt. I	3			19
BUAD 328	Marketing Foundations	3			
BUAD xxx	BUAD Specialization Req	<u>3</u>			
		21			

(See Director for transfer interview) (See Bus. Ad. Chair for transfer letter)

**FOURTH AND FIFTH YEARS (Affiliated Institution)**

CCC's ▪ 9

- Must complete the College Core Curriculum (CCC) either at Fredonia or engineering institution. Upper Level is not required for 3-2 students. Also not required for 3-2: second social science course, second speaking intensive course, foreign language if earn 70 or better on Regent's Checkpoint B, and American History category if earn 85 or better on Regent's exam. See the current undergraduate Catalog for details regarding the CCC.
- \* For students transferring to Syracuse, additional CSIT courses are required.
- \*\* Suggested functional area in Management: other areas may be chosen with the advice of the Department of Business Administration.
- + If engineering school requires (eg. Columbia), replace this course with PHYS 234, Modern Physics.
- \*\*\* Students interested in electrical or computer engineering must take six (6) hours of Circuit Analysis. Circuit Analysis I is required and Circuit Analysis II is recommended for Mechanical Engineering. Electrical, computer and mechanical engineers may, in most cases, omit PHYS 322 and 329.

Probability and Statistics (STAT 350) is required at some affiliated institutions for students interested in industrial engineering. Linear Algebra (MATH 231) is strongly recommended.